

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A system for saving web page data, comprising:

data acquisition means for acquiring a web page data browsed by a browser client when said browser client newly browses the web page data;

keyword extraction means for extracting a keyword from a content of the acquired web page data;

indexing means for assigning a plurality of indices that include a first index unique to the acquired web page data and a second index comprising the extracted keyword to the acquired web page data; and

saving means for saving the acquired web page data in correspondence with the assigned indices in a predefined database, the saved web page data being sufficient to regenerate at least a portion of a previously browsed web page without accessing to the original source.

2-3. (Canceled)

4. (Previously Presented) The system according to Claim 1, further comprising:

sorting means for sorting indices of the data in the database; and

display means for displaying a result of the sorting by said sorting means.

5. (Canceled)

6. (Original) The system according to Claim 4, further comprising:

selecting means for selecting an index from the indices displayed on said display means; and

retrieval means for retrieving data corresponding to the index selected by said selecting means from the database.

7. (Original) The system according to Claim 4, further comprising:

deleting means for deleting at least one index from the indices displayed on said display means; and

removal means for removing data corresponding to the index deleted by said deleting means from the database.

8. (Original) The system according to Claim 4, wherein at least one of the data has a plurality of values for an index, and said sorting means places the plurality of values at positions corresponding to respective values.

9. (Previously Presented) The system according to Claim 1, said saving means comprising:

folder creation means for creating a new folder for newly browsed data;

file name assigning means for assigning a predetermined name to the newly browsed data without intervention by a user; and

file saving means for saving the newly browsed data in a new folder with the assigned file name.

10. (Original) The system according to Claim 9, wherein said folder creation means creates the new folder with a folder name created based on a predetermined rule.

11. (Canceled)

12. (Previously Presented) The system according to Claim 1, said saving means comprising:

file name generation means for generating a unique file name, to be assigned as the first index. for the newly browsed data without intervention by a user.

13. (Previously Presented) The system according to Claim 1, wherein said indexing means acquires a URL of the data from the browser as the second index.

14. (Previously Presented) The system according to Claim 1, wherein said indexing means acquires a title embedded in the data from the browser as the second index.

15. (Previously Presented) The system according to Claim 79, wherein each group corresponds to a network session.

16-17. (Canceled)

18. (Previously Presented) The system according to Claim 1, further comprising word assigning means for assigning a word specified by a user as a further index to the data to be saved by said saving means.

19. (Original) The system according to Claim 1, wherein if an index assigned to the data to be saved has been assigned to other data, said saving means saves the data as a new data or updates the other data according to a setting by the user.

20. (Original) The system according to Claim 1, wherein if an index assigned to the data to be saved has been assigned to other data, said saving means inquires to the user whether the data is to be saved as a new data or an updated data.

21. (Original) The system according to Claim 1, wherein said saving means saves the data in correspondence with an effective period, and said system further comprising:

comparing means for comparing the effective period with a current time at a predetermined timing; and

removal means for removing data in correspondence with the effective period before the current time based upon the result of a comparison by said comparing means.

22-25. (Canceled)

26. (Previously Presented) The system according to Claim 1, wherein said saving means saves the browsed data in a first save mode and saves a URL for the browsed data in place of the browsed data in a second save mode.

27. (Previously Presented) The system according to Claim 1, further comprising setting means for setting whether or not data linked to the browsed data is to be saved with the browsed data.

28. (Currently Amended) The system according to Claim 1, further comprising setting means for setting to save all the browsed data without any instruction by the user for each of the browsed data ~~by the user~~.

29. (Currently Amended) The system according to Claim 28, wherein said saving means saves the ~~browsed~~ browser client data when the browsing is operated to move to another URL.

30. (Previously Presented) The system according to Claim 1, further comprising setting means for setting not to save the browsed data in a URL specified by the user.

31. (Previously Presented) The system according to Claim 1, further comprising index extracting means for extracting as an index a specific data from a data train constituting address of the browsed data in the network on the basis of a predetermined rule.

32. (Previously Presented) The system according to Claim 31, wherein the specific data is a domain name.

33. (Original) The system according to Claim 32, wherein the predetermined rule is a rule for eliminating a parameter, a protocol, an obvious address, and page data from the data train, and extracting a domain name from the rest of the data with referring to a knowledge base of domain names.

34. (Original) The system according to Claim 31, wherein the specific data is a name of organization.

35. (Original) The system according to Claim 34, wherein the predetermined rule is a rule for eliminating a parameter, a protocol, an obvious address, page data, and domain name from the data train, and determining the rest of the data as an organization name.

36. (Original) The system according to Claim 35, wherein the predetermined rule includes a rule for dividing the rest of the data into partial data with a predetermined symbol and determining each of the partial data as an organization name.

37. (Previously Presented) The system according to Claim 1, further comprising sending means for sending the acquired web page data or a specific part thereof to a destination.

38. (Original) The system according to Claim 37, wherein the specific part is a URL of the saved data.

39. (Original) The system according to Claim 37, wherein the specific part is the saved data except for an embedded image.

40. (Previously Presented) The system according to Claim 1, further comprising editing means for editing the browsed data.

41. (Original) The system according to Claim 40, wherein said editing means includes annotation means for adding an annotation to the browsed data.

42. (Original) The system according to Claim 41, wherein said annotation means adds an annotation in such a manner that the annotation is distinguishable from the browsed data.

43. (Original) The system according to Claim 40, wherein said editing means includes changing means for changing a display form of a designated portion in the browsed data.

44. (Previously Presented) The system according to Claim 1, further comprising:

extraction means for extracting a predetermined type of data from the browsed data; and

extracted data saving means for saving the extracted data in the database.

45. (Original) The system according to Claim 44, wherein said extraction means extracts data in a predetermined column in response to a copying operation of data from a specified portion of the browsed data to the predetermined column, and said extracted data saving means saves the extracted data with an attribute corresponding to the predetermined column.

46. (Original) The system according to Claim 44, wherein the predetermined type of data includes at least one of an organization name, a person name, an Email address, a telephone number, a Fax number, and a keyword appended to the data.

47. (Previously Presented) The system according to Claim 1, wherein if the data requested to be saved includes data from other URL identified in the web page data, said data acquisition means downloads the included data from the other URL.

48. (Previously Presented) The system according to Claim 47, wherein if the data from the other URL is already available in the storage unit, said data acquisition means dispenses with the downloading of the data.

49. (Previously Presented) The system according to Claim 1, further comprising mode selection means for selecting an automatic save mode, and in the automatic save mode, said determination means determines a condition to be satisfied to save the browsed data every time a new web page is browsed.

50. (Currently Amended) The system according to Claim 1, wherein said data acquisition means, ~~said determination means~~, said indexing means, said saving

means, and said database are equipped in a server apparatus, and said system further comprising at least one client apparatus connected to said server apparatus, each of said client apparatus transmits a user request to said server apparatus and receives a response to the user request from said server apparatus.

51. (Canceled)

52. (Previously Presented) The system according to Claim 50, wherein said server apparatus further comprising:

a local database;

a web information storage device for storing web information acquired from an internet: and

administration means for administering data in either of said database, said local database, and said web information storage device.

53. (Currently Amended) The system according to Claim 52, wherein at least one of said client apparatus further comprising:

a client local database;

a client web information storage device for storing web information ~~acquires~~ acquired from an internet: and

client administration means for administrating data in either of said database, said local database, and said web information storage device.

54. (Currently Amended) The system according to Claim 1, wherein said database is equipped in a server apparatus, and said data acquisition means, ~~said determination means~~, said indexing means, and said saving means are equipped in at least one client apparatus connected to said server apparatus.

55. (Currently Amended) The system according to Claim 1, wherein said system includes a plurality of client apparatuses, and said data acquisition means, ~~said determination means~~, said indexing means, said saving means, and said database are equipped in each of said client apparatuses, and each of said client apparatuses can access the database equipped in another client apparatus.

56. (Previously Presented) The system according to Claim 1, wherein said database is equipped in a server apparatus, and index database for storing the indices of said database is equipped in at least one client apparatus connected to said server apparatus.

57. (Currently Amended) The system according to Claim 1, wherein said data acquisition means, ~~said determination means~~, said indexing means, said saving

means, and said database are equipped in a server apparatus, said data acquisition means acquires data in an internet, and said system further comprising at least one browser connected to said server apparatus, each of said browser browses a web page in the internet via said server apparatus and transmits a user action on the browsed web page to said server apparatus.

58. (Canceled)

59. (Previously Presented) A storage medium storing computer-executable program for controlling a computer to perform data processing for saving web page data, said program comprising codes for causing the computer to perform:

 a data acquisition step of acquiring web page data browsed by a browser client when said browser client newly browses the web page data;

 an extraction step of extracting a keyword from a content of the acquired web page data;

 an assigning step of assigning a plurality of indices that include a first index unique to the acquired web page data and a second index comprising the extracted keyword to the acquired web page data; and

 a saving step of saving the web page data in correspondence with the assigned indices in a predefined database, the saved web page data being

sufficient to regenerate at least a portion of a previously browsed web page without accessing to the original source.

60. (Previously Presented) A method of saving web page data comprising:

acquiring web page data browsed by a browser client when said browser client newly browses the web page data;

extracting a keyword from a content of the acquired web page data;

assigning a plurality of indices that include a first index unique to the acquired web page data and a second index comprising the extracted keyword to the acquired web page data; and

saving the acquired web page data in correspondence with the assigned indices in a predefined database, the saved web page data being sufficient to regenerate at least a portion of a previously browsed web page without accessing to the original source.

61. (Previously Presented) The method of Claim 60, wherein said index is dynamically generated.

62. (Canceled)

63. (Previously Presented) The method of Claim 60, further comprising the step of retrieving data from said database based on a user-supplied index.

64. (Previously Presented) The method of Claim 60, further comprising the steps of:

 sorting indices of the data saved in the database; and
 displaying a result of said sorting indices on a display unit.

65. (Canceled)

66. (Previously Presented) The method of Claim 64, further comprising the steps of:

 selecting an index from the indices displayed; and
 retrieving data corresponding to the index selected from the database.

67. (Previously Presented) The method of Claim 66, further comprising the steps of:

 deleting at least one index from the indices displayed on said display unit;
and
 removing data corresponding to said deleted index from the database.

68. (Canceled)

69. (Previously Presented) The method of Claim 60, further comprising the step of sending the acquired data to a predetermined destination.

70. (Canceled)

71. (Canceled)

72. (Previously Presented) The method of Claim 60, further comprising the step of creating a new folder for newly browsed data in said database.

73. (Original) The method of Claim 72, further comprising the step of assigning a predetermined file name to said newly browsed data.

74. (Canceled)

75. (Previously Presented) The method of Claim 60, further comprising the step of editing the browsed data.

76. (Original) The method of Claim 75, wherein said editing includes adding an annotation to the browsed data, said annotation is distinguishable from the browsed data.

77. (Previously Presented) The method of Claim 60, further comprising the steps of:

extracting a predetermined type of data from the browsed data; and
saving the extracted data in the storage unit.

78. (Previously Presented) The system according to Claim 14, wherein said indexing means displays the extracted keyword or the title acquired from the browser.

79. (Previously Presented) The system according to Claim 1, wherein the index includes a time when the data is saved, said system further comprising:

node creation means for creating nodes corresponding to groups classified on the basis of the timing of saving, said node creation means creates a hierarchy of nodes by dividing a group corresponding to a period into a plurality of sub group each corresponding to a shorter period and creating a node corresponding to each of sub group; and

node displaying means for displaying a plurality of nodes created by said node creation means in an order of saving.

80-92. (Canceled)

93. (Previously Presented) A storage medium storing computer-executable program for controlling a computer to perform data processing for saving web page data said program comprising codes for causing the computer to perform the steps of:

data acquisition step of acquiring web page data browsed by a browser client when said browser client newly browses the web page data;

an extraction step of extracting a keyword from a content of the acquired web page data requested for saving;

an assigning step of assigning a plurality of indices that include a first index unique to the acquired web page data and a second index comprising the extracted keyword to the acquired web page data;

determination step of determining whether a user requests saving of the acquired web page data; and

a saving step of saving the requested data in correspondence with the assigned indices in a predefined database if it is determined that the user requests saving of the acquired web page data, the saved web page data being

sufficient to regenerate at least a portion of a previously browsed web page without accessing to the original source.

94. (Previously Presented) The system according to Claim 1, further comprising:

receiving means for receiving an index; and

search means for searching the database for web page data stored in correspondence with the same index as the received index.

95. (Canceled)

96. (Previously Presented) The system according to Claim 1, further comprising save instruction receiving means for receiving a save instruction from a user, wherein said indexing means assigns the indices to the web page data and said saving means saves the web page data if the save instruction is received.

97. (Previously Presented) The method of Claim 60, further comprising the steps of:

receiving an index; and

searching the database for web page data stored in correspondence with the same index as the received index.

Claim 98. (Canceled)

99. (Previously Presented) The method of Claim 60, further comprising the step of receiving a save instruction from a user, wherein the indices are assigned to the web page data in said assigning step and the web page data is saved in said saving step if the save instruction is received.

100. (Previously Presented) The system of Claim 1, further comprising generating means for generating the first index which is other than data extracted from the acquired web page data.

101. (Previously Presented) The storage medium of Claim 59, further comprising a generating step of generating the first index which is other than data extracted from the acquired web page data.

102. (Previously Presented) The method of Claim 60, further comprising generating the first index which is other than data extracted from the acquired web page data.

103. (Previously Presented) The storage medium of Claim 93, further comprising a generating step of generating the first index which is other than data extracted from the acquired web page data.